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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/700,147	11/03/2003	Robert Sesek	200301153-1	3826

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EXAMINER	
LEMMA, SAMSON B	
ART UNIT	PAPER NUMBER
2132	

NOTIFICATION DATE	DELIVERY MODE
06/13/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No.	Applicant(s)	
	10/700,147	SESEK ET AL.	
	Examiner	Art Unit	
	Samson B. Lemma	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *17 April 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1,3,4,6-9,12,13,15-25,27,29 and 31* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1, 3-4, 6-9, 12-13, 15-25, 27, 29,31* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This office action is in reply to an amendment filed on April 17, 2007.

2. **Claims 2, 5, 10, 11, 14, 26, 28, and 30 have been canceled from the application.** Thus claims **1, 3-4, 6-9, 12-13, 15-25, 27, 29 and 31** are pending/examined.

3. Each and every independent claim namely claims 1, 15, 20, 25, 27, 29 and 31 are amended

Priority

4. This application does not claim priority. Therefore, the effective filling data for the subject matter defined in the pending claims of this application is **11/03/2003.**

Response to Arguments

5. Applicant's remarks/arguments filed on April 17, 2007 have been fully considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. **Claims 1, 3-4, 6-9, 12-13, 15-25, 27, 29 and 31** are rejected under 35 U.S.C. 103(a) unpatentable over **Reifman et al** (hereinafter referred as **Reifman**) (U.S. Patent No. 5, 917,615) (date of patent: 06/29/1999) in view of Chang et al (hereinafter referred as **Chang)** (U.S. Publication No. 2002,0083121 A1) (Published on Jun 27, 2002)

8. **As per independent claims 1, 15, 20, 25, 27, 29 and 31 Reifman discloses a method for providing recipient-end security for transmitted data, the method comprising:**

- **Scanning a hard copy document to generate scanned data;** [figure 19, Scanner; figure 17, ref. Num "176"; and column 22, lines 37-64] (facsimile message)

- **Configuring the scanned data so as to require recipient-end security;** [column 22, lines 53-column 23, line 3; see also figure 17, ref. Num "178" Security Settings] *(The Security Settings display location 178 shown in the screen display of FIG. 17 allows the user to select options such as data encryption or authentication. If the user selects the Security Settings display location 178 and presses the Change button 172, the IFAX 10 changes to the screen display shown in FIG. 20. The touch-sensitive display 24 shows which options are currently selected, and the prompt 48 instructs the user to select security options and press the OK button 15 8. Options that have previously been selected may be deselected by touching the corresponding button and selecting the OK button 156. The IFAX 10 permits encryption of a facsimile message by selecting an "Encryption" button 190. In addition, the IFAX 10 permits the transmission*

of a digital signature by selecting a "Digital Signature" button 192, and an authentication option by selecting an "Authentication" button 194. The digital signature causes the IFAX 10 to transmit a checksum or other data portion in encrypted form along with the encrypted facsimile message)

- **Transmitting the scanned data to an intended recipient; determining if the transmitted data may be accessed at the recipient end; and denying access to the transmitted data if it is determined that the transmitted data may not be accessed. [column 23, lines 1-11]** *(The digital signature **allows the receiving facsimile machine to determine** if the facsimile message has been tampered with during transmission. The authentication option attaches an instruction to the facsimile message **requiring a password to be entered into the recipient facsimile machine** for the facsimile recipient to read the facsimile message. Thus, there are varying degrees of security that may be easily selected by the user.)*

Reifman does not explicitly disclose the limitation recited as

> configuring the scanned data on the data transmitting device so as to require recipient-end security such that machine-specific security data that identifies a data receiving device to which the scanned data will be transmitted is verified prior to enabling access to the transmitted data;
>
> determining on the data receiving device if the transmitted data may be accessed at the recipient end by verifying the machine-

specific security data; OR logic configured to verify recipient-end security information recipient biometric information prior to enabling access to the data.

However, in the same field of endeavor **Chang on paragraph 0173 discloses the following which meets the limitation recited above.**

"Authentication step 604 is optional, but may be necessary if, for example, the use of an output device 140 is restricted to a group of users. In this case, the user may have to provide authentication information to identify him/herself as part of the authorized group to use the service. **Examples of authentication methods may include a user's name, password, personal identification number (PIN), ID number, signatures, security keys (physical or digital), biometric, fingerprint, voice, etc. ID number or IP address of the information apparatus 100 may also be used as authentication information. Such authentication information may be provided by the user manually or detected automatically by the output controller 120 or output device 140."**

It would have been obvious to one having ordinary skill in the art, at the time the invention was made, to combine the feature such as requiring recipient-end security such that machine-specific security data or verify recipient-end security information recipient

biometric information prior to enabling access to the data as per teachings of **Chang** into the method as taught **by Reifman in order to enhance the security of the** authentication system by adding additional verification. [See Chang, paragraph 0173]

9. **As per dependent claims 3, 16-17; 21-22 the combination of Reifman and Chang discloses a method as applied to claims above. Furthermore, Reifman discloses the method** wherein configuring the scanned data comprises configuring the scanned data such that recipient-specific security information must be provided by a recipient of the transmitted data prior to accessing the transmitted data. **[column 23, lines 1-11]** *(The digital signature allows the receiving facsimile machine to determine if the facsimile message has been tampered with during transmission. The authentication option attaches an instruction to the facsimile message requiring* ***a password to be entered into*** *the recipient facsimile machine for the facsimile recipient to read the facsimile message. Thus, there are varying degrees of security that may be easily selected by the user. See also the following what is disclosed on Chang, on paragraph 0173, "Authentication step 604 is optional, but may be necessary if, for example, the use of an output device 140 is restricted to a group of users. In this case, the user may have to provide authentication information to identify him/herself as part of the authorized group to use the service.* ***Examples of authentication methods may include a user's name, password, personal identification number (PIN), ID number, signatures, security keys (physical or digital), biometric,***

fingerprint, voice, etc. ID number or IP address of the information apparatus 100 may also be used as authentication information. Such authentication information may be provided by the user manually or detected automatically by the output controller 120 or output device 140.")

10. **As per dependent claims 4, 6; 8-13; 18-19; 23-24 the combination of Reifman and Chang discloses a method as applied to claims above. Furthermore Reifman discloses the method**, wherein configuring the scanned data comprises configuring the scanned data such that the recipient must provide at least one of a recipient password and recipient biometric information to access the transmitted data. ***[column 23, lines 1-11 and column 22 and column 23; figure 9-25]*** *(The digital signature allows the receiving facsimile machine to determine if the facsimile message has been tampered with during transmission. The authentication option attaches an instruction to the facsimile* ***message requiring a password to be entered into the recipient*** *facsimile machine for the facsimile recipient to read the facsimile message. Thus, there are varying degrees of security that may be easily selected by the user. See also Chang paragraph 0173, "biometric authentication")*

11. **As per dependent claims 7 the combination of Reifman and Chang discloses a method as applied to claims above. Furthermore, Reifman discloses the method wherein transmitting the scanned data comprises faxing the scanned data**. [column 9, lines 43-55]

(sending scanned document to designated recipients; See also Chang figure 1, "fax machine")

Conclusion

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

06/01/2008

/Samson B Lemma/

Examiner, Art Unit 2132

/Gilberto Barron Jr/
Supervisory Patent Examiner, Art Unit 2132